

Fig. 1

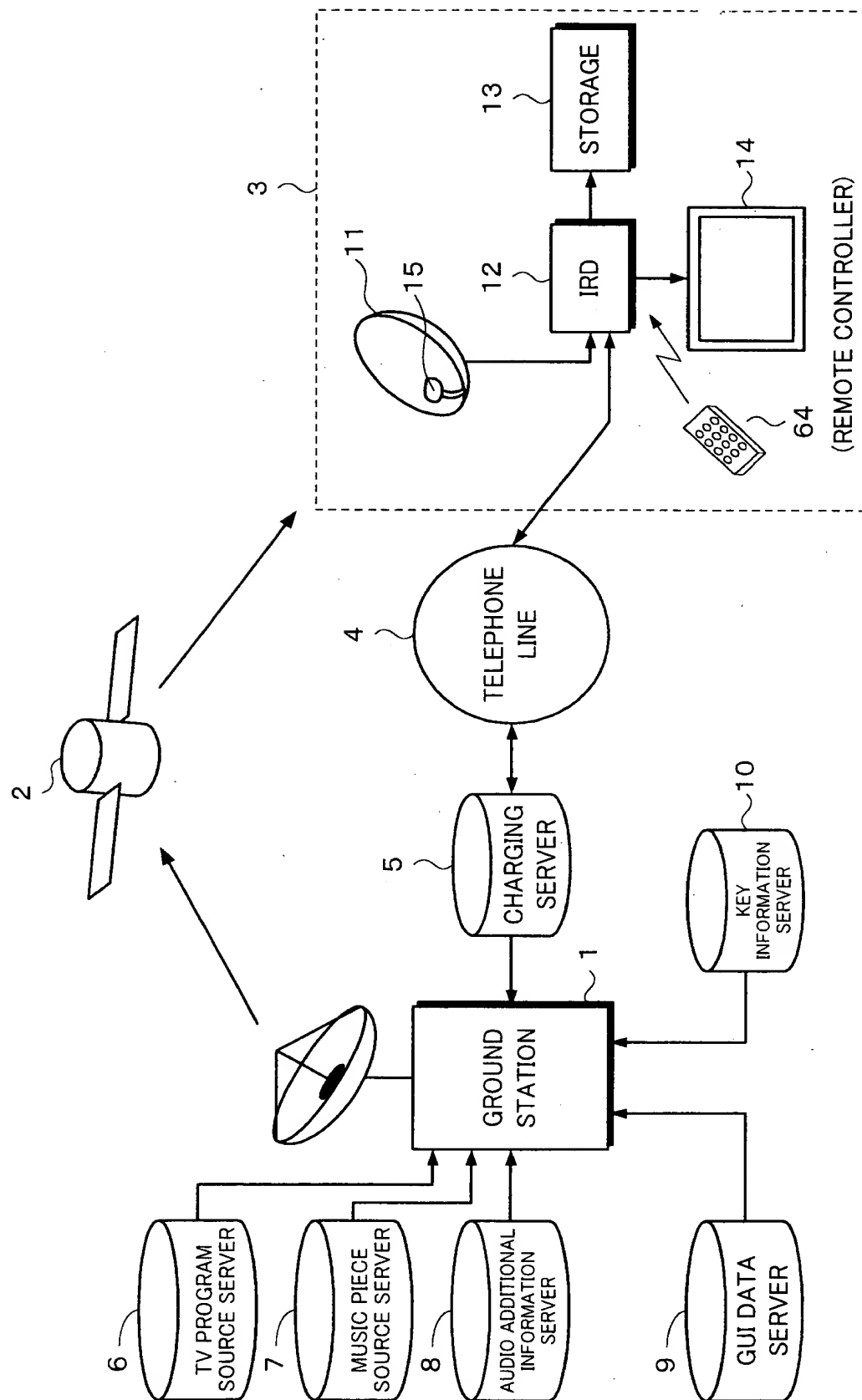


Fig. 2

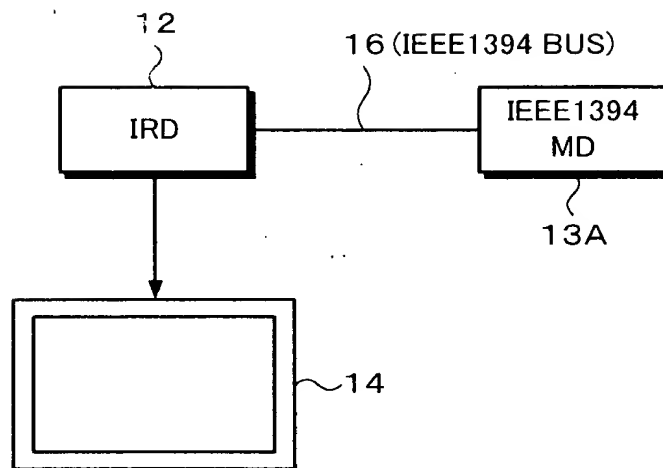


Fig. 3

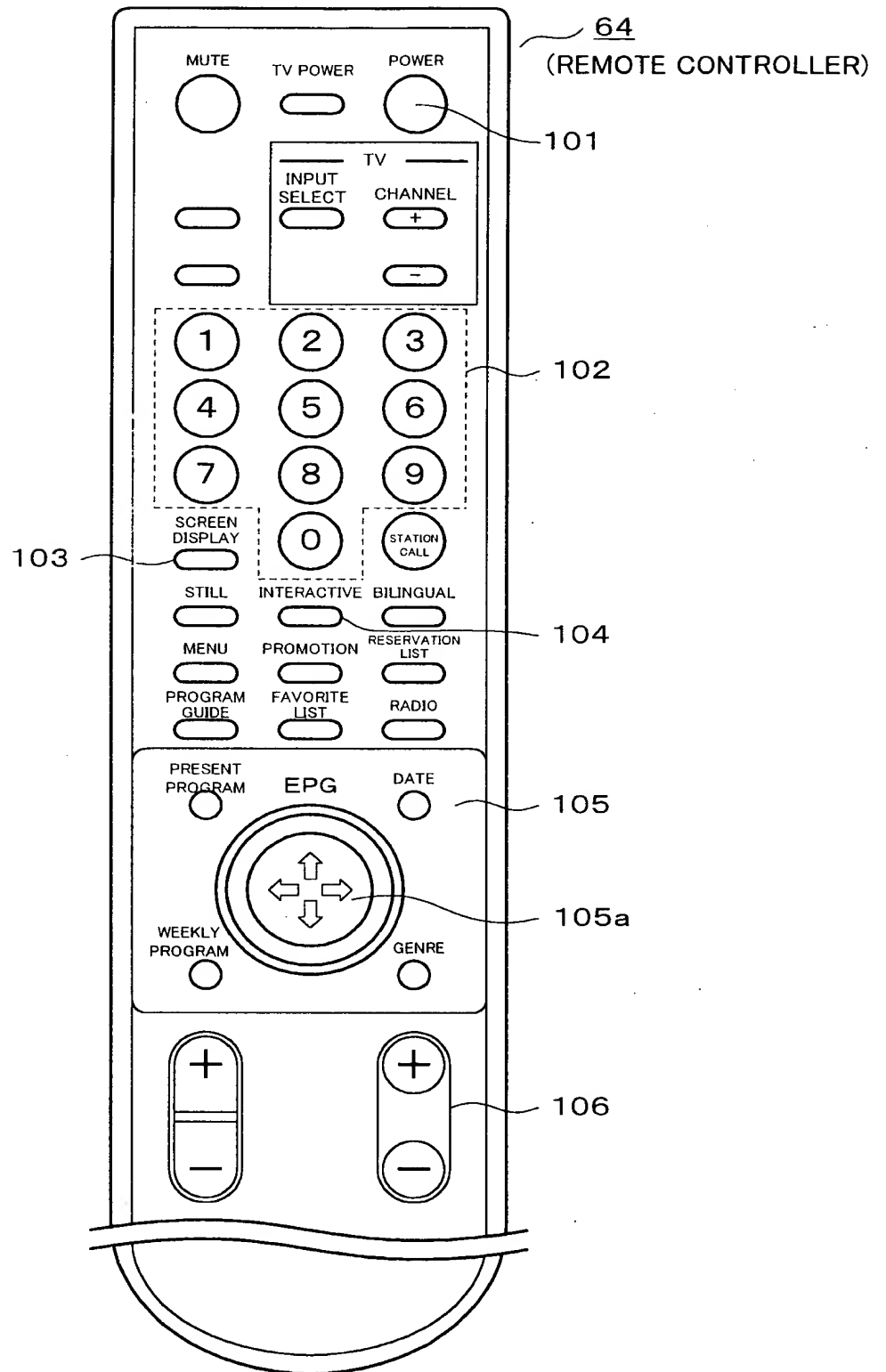
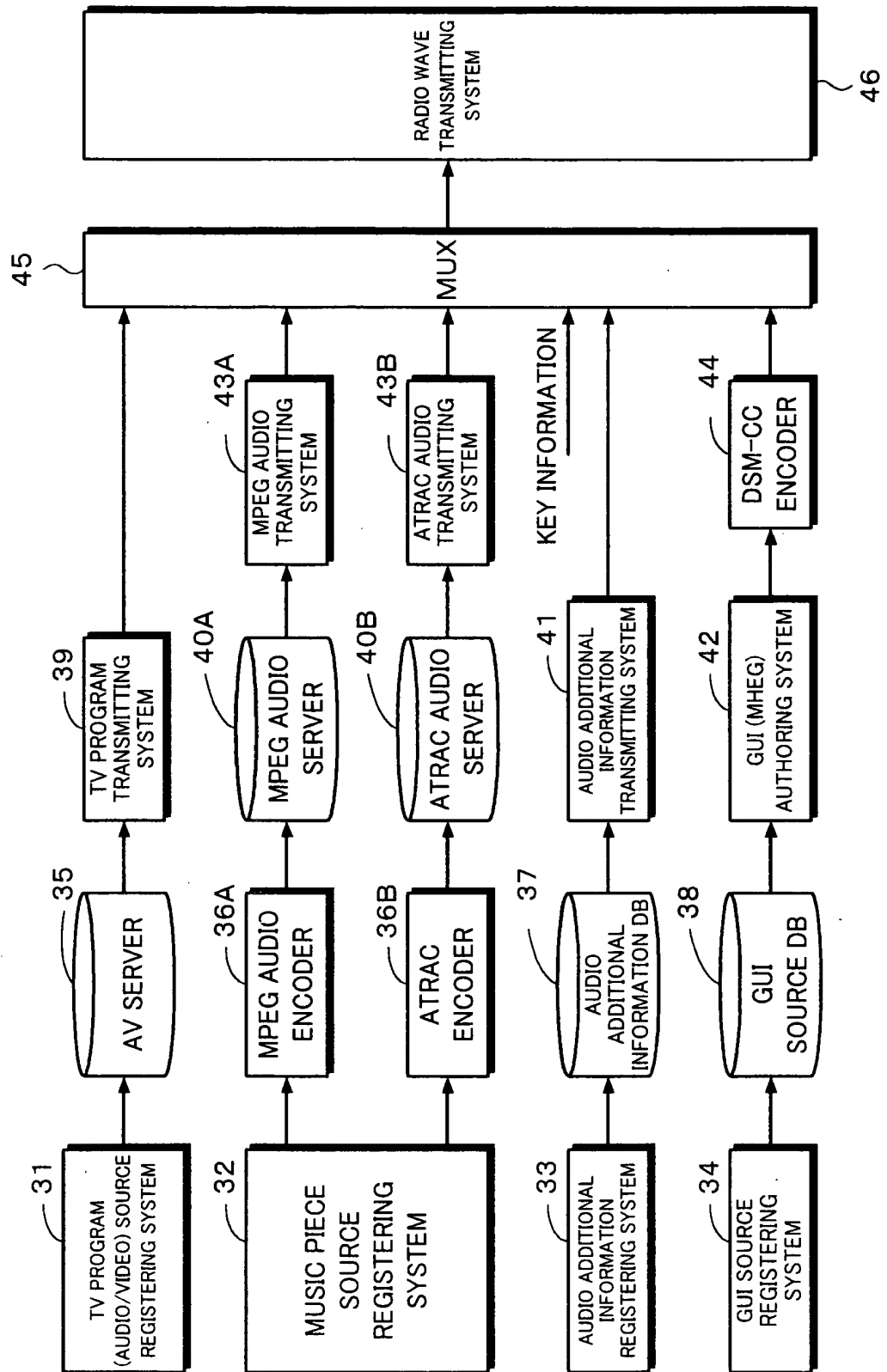


Fig. 5



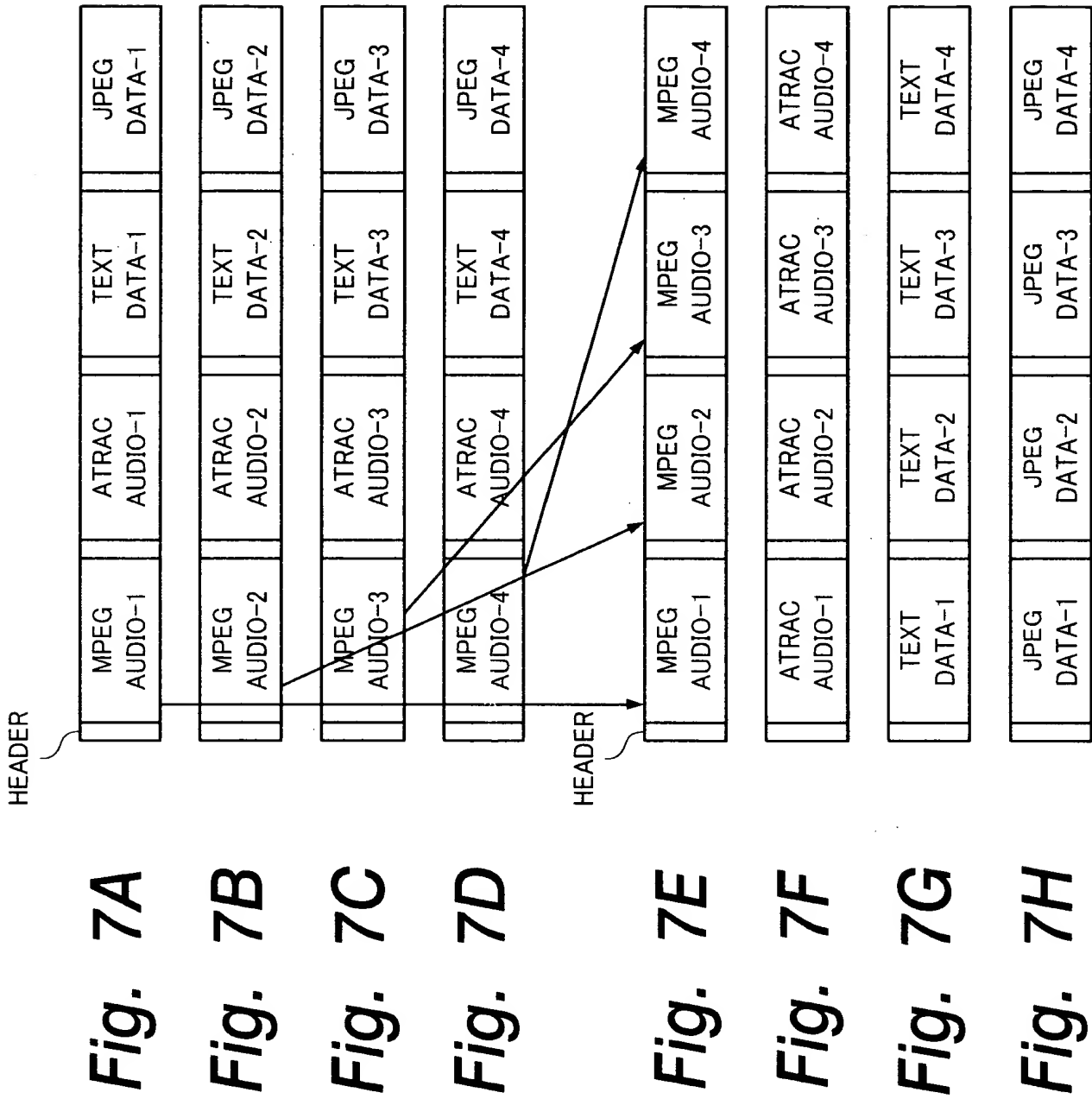


Fig. 8F

Fig. 9

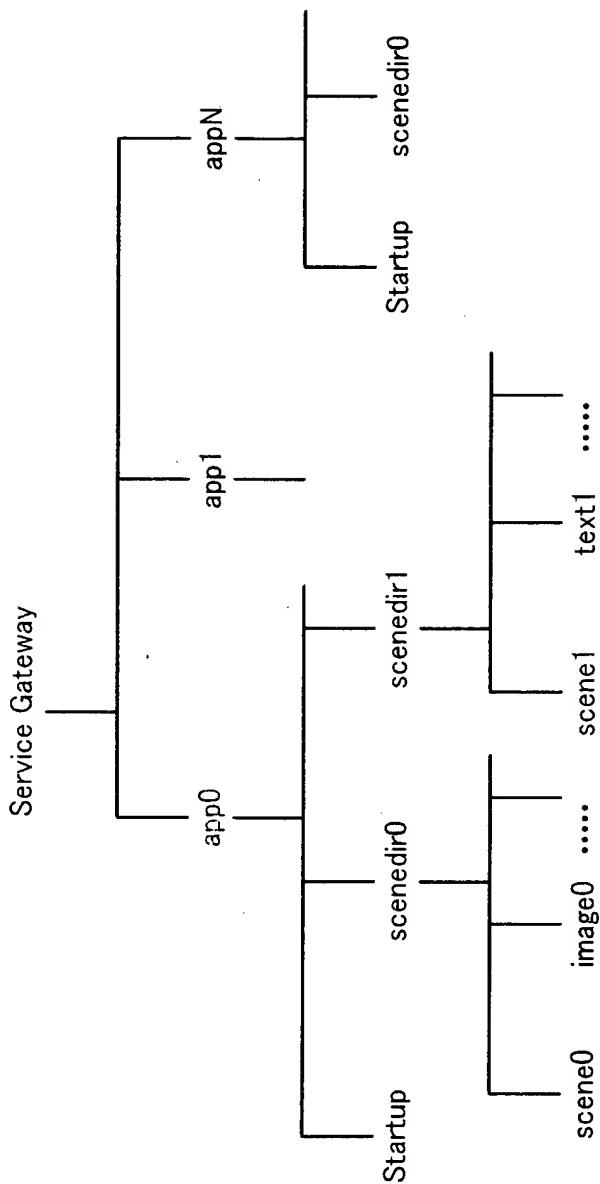


Fig. 10A

Fig. 10B

Fig. 10C



Fig. 11A

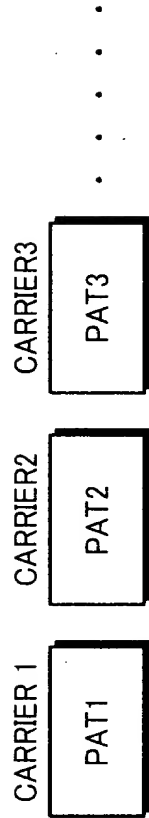


Fig. 11B

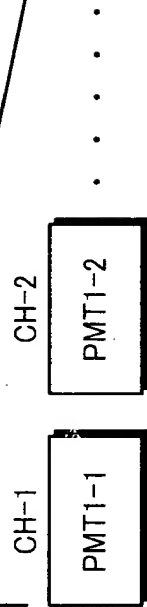


Fig. 11C

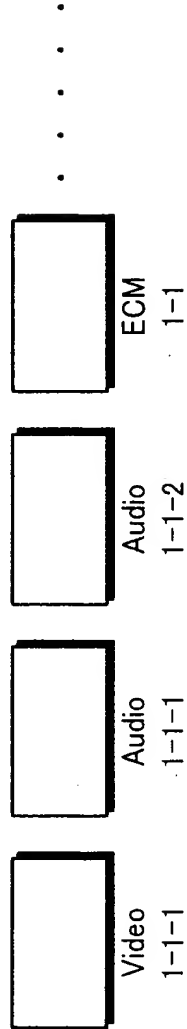


Fig. 11D

Fig. 12

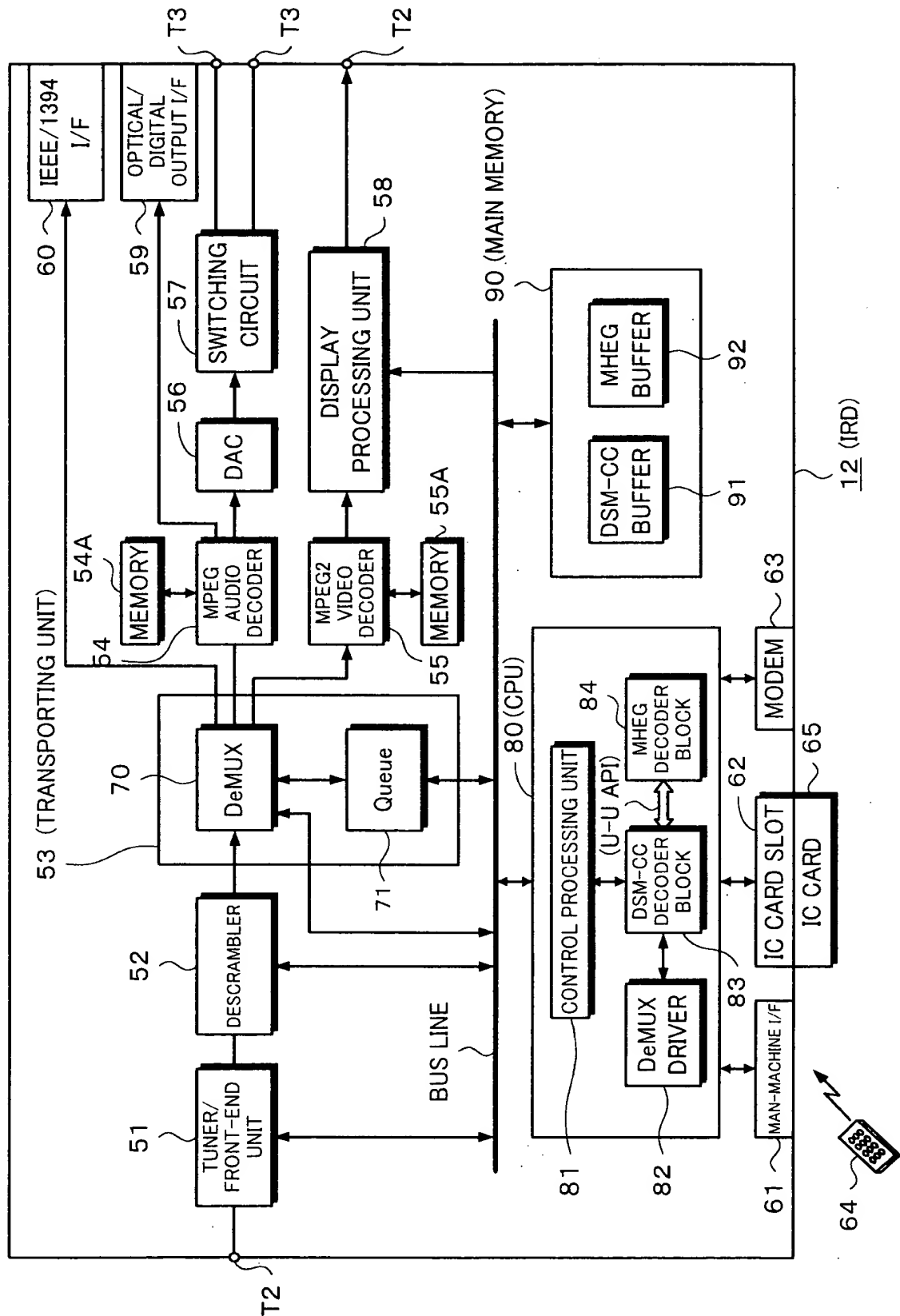




Fig. 14

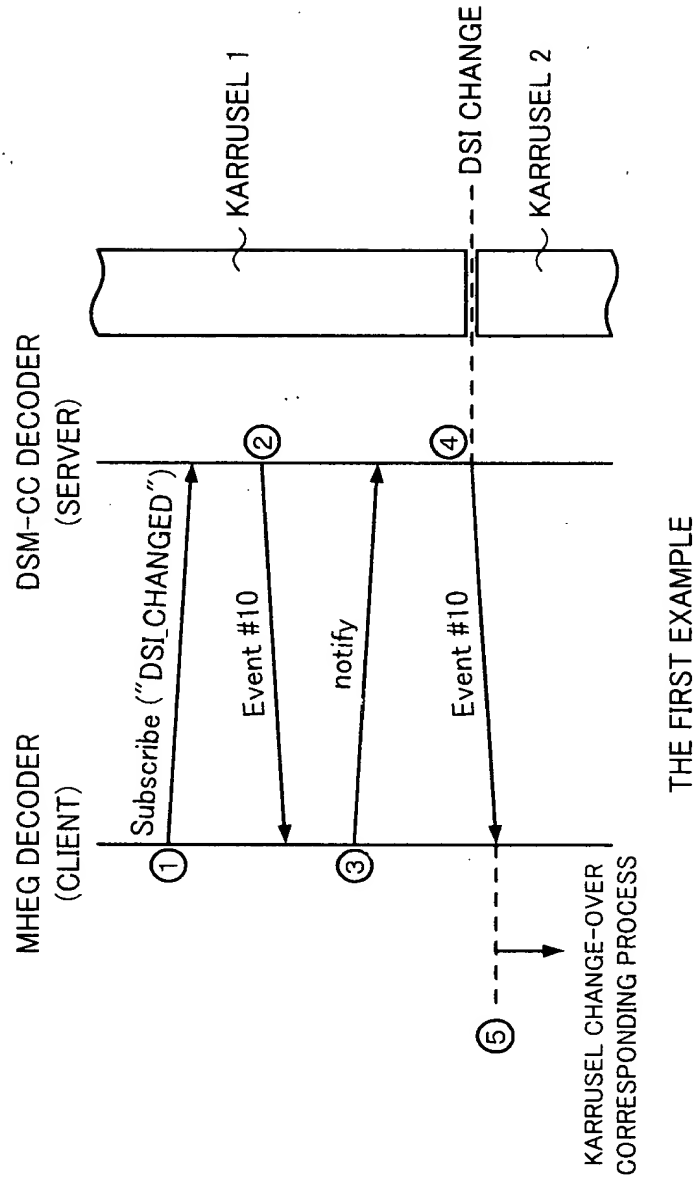
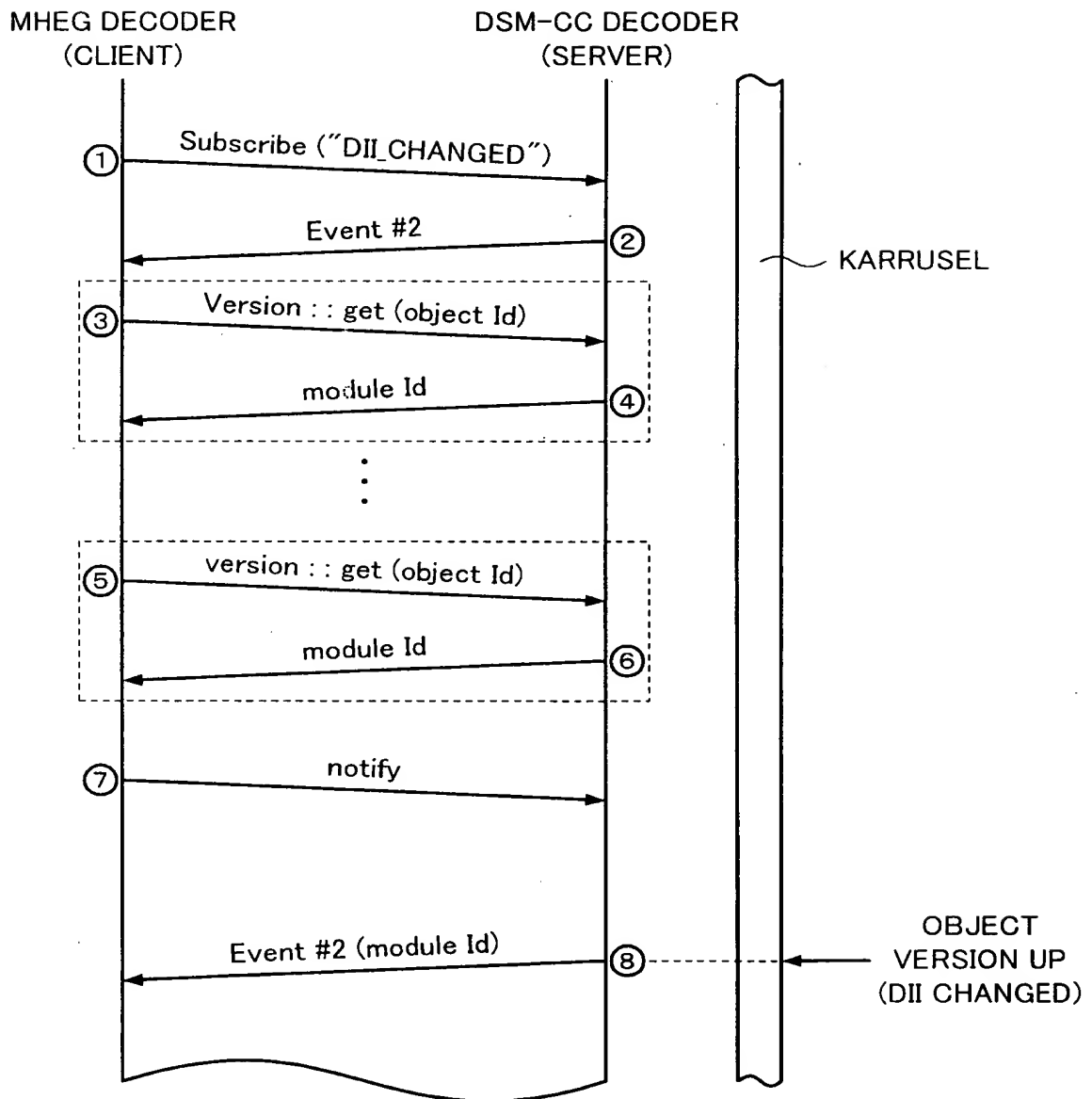


Fig. 17



THE SECOND EXAMPLE

00554099-030700

Fig. 18

object Id	module Id

Fig. 19

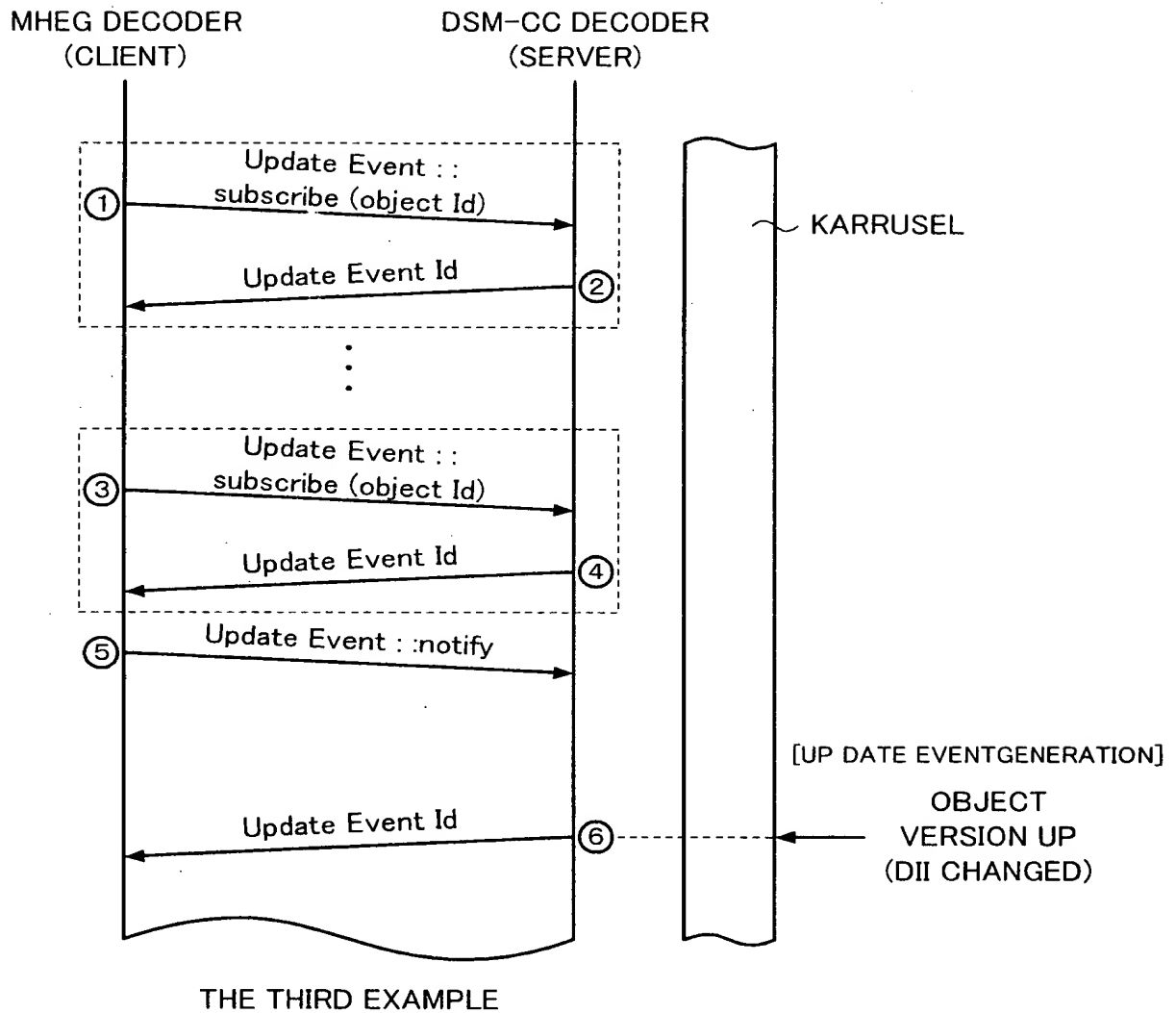


Fig. 20A

object Id	Update Event Id

MHEG DECODER TABLE

Fig. 20B

Update Event Id	module Id	module Ver. No

DSM-CC DECODER TABLE

Fig. 21

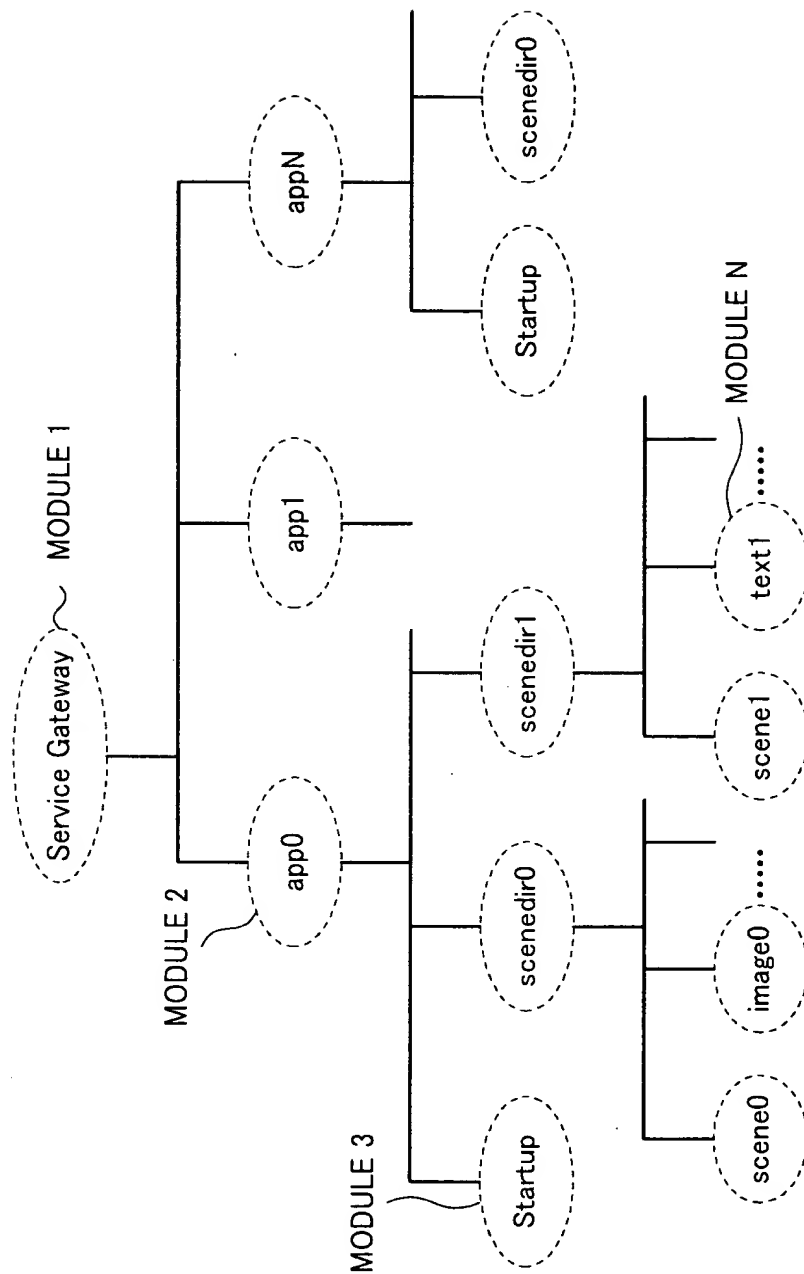


Fig. 22

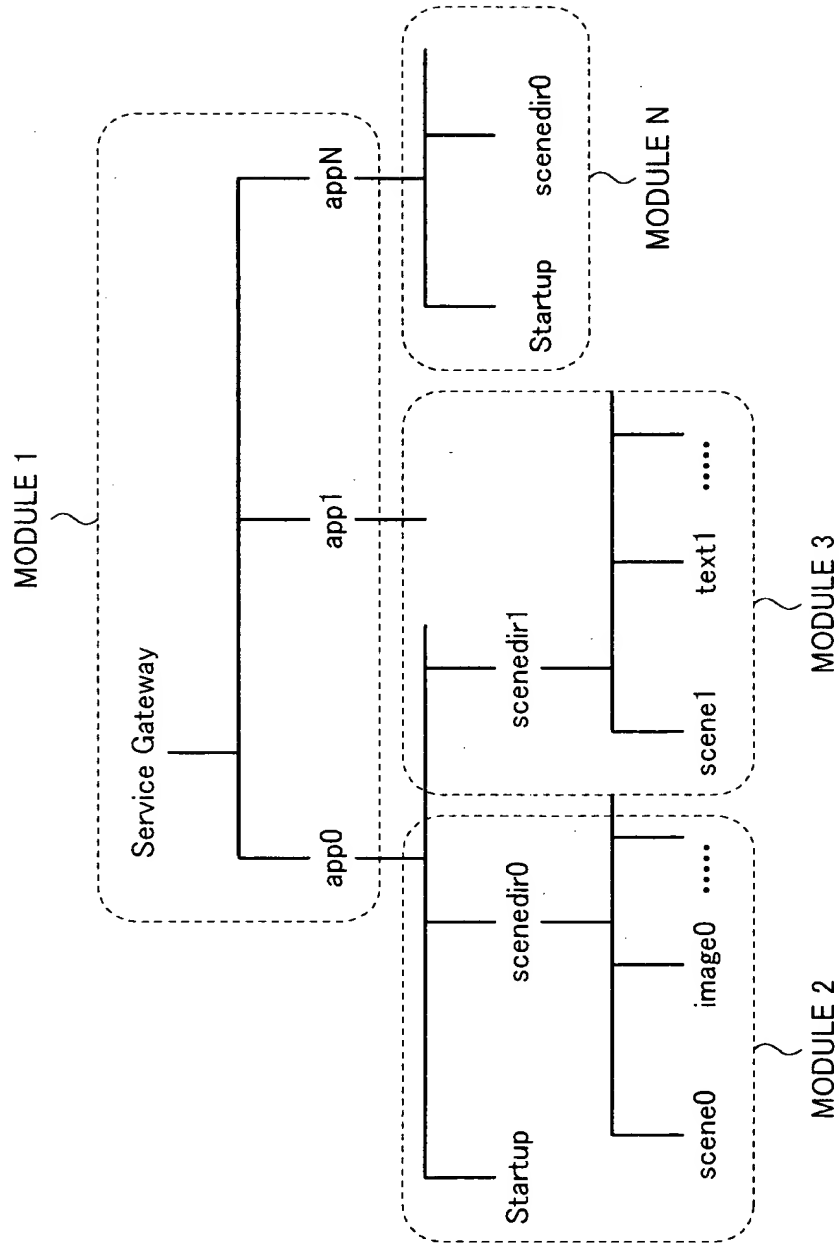


Fig. 23

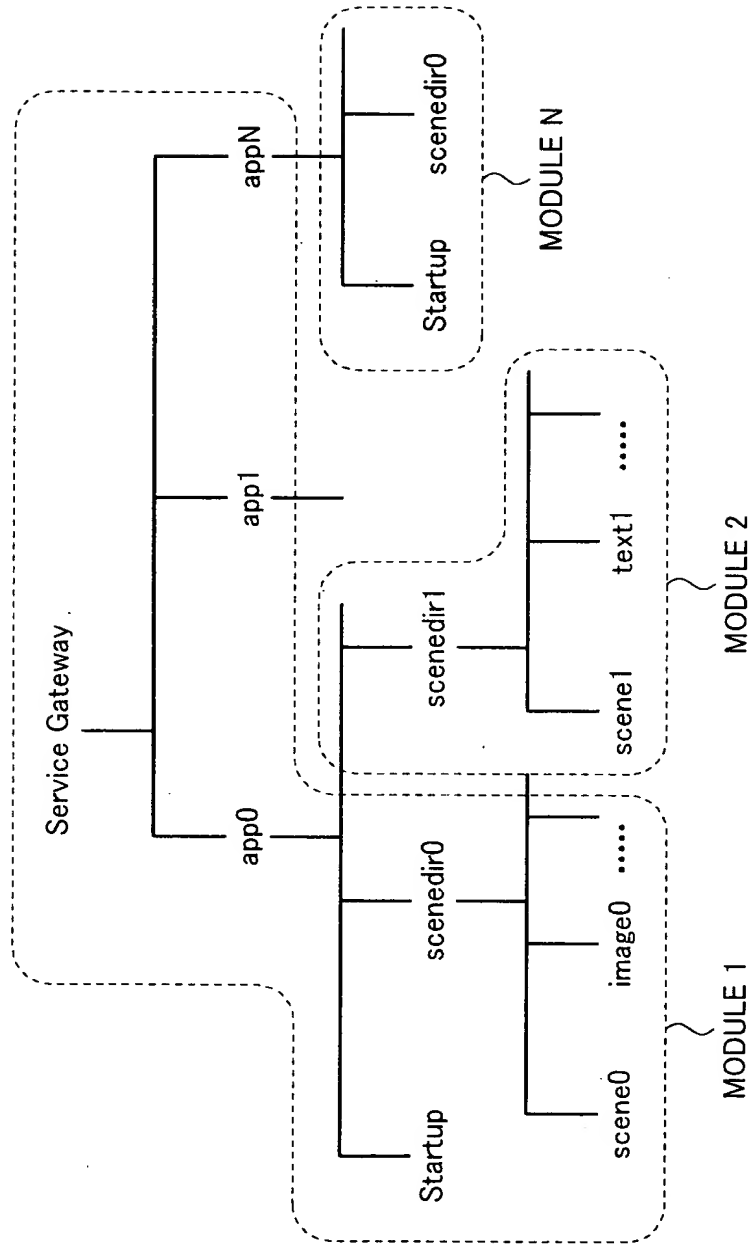


Fig. 24A

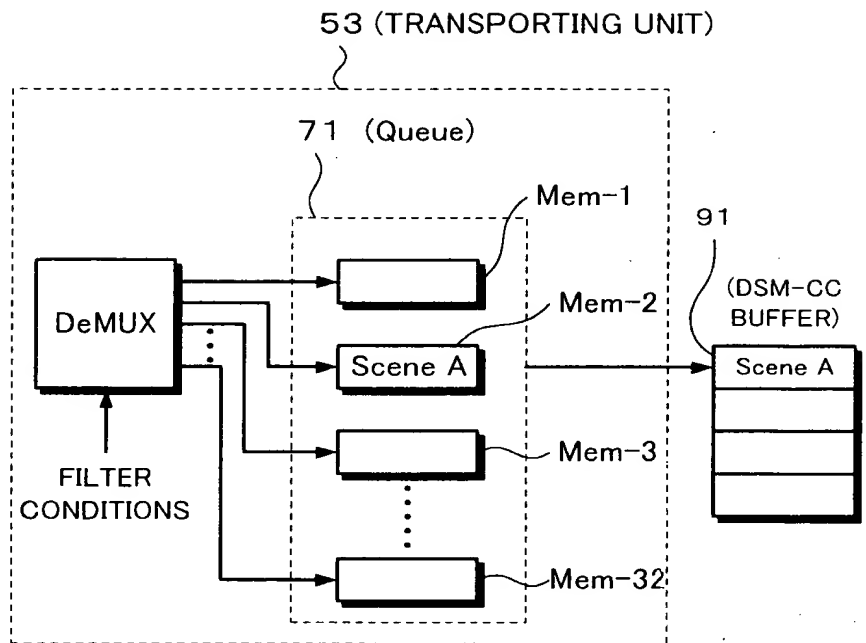


Fig. 24B

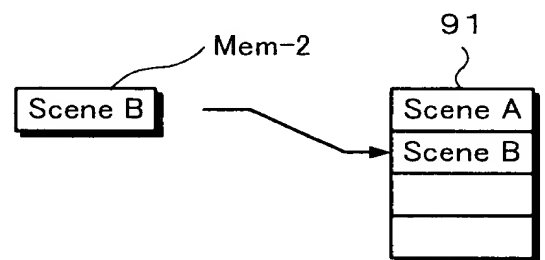
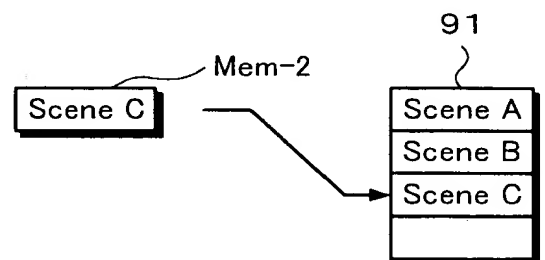
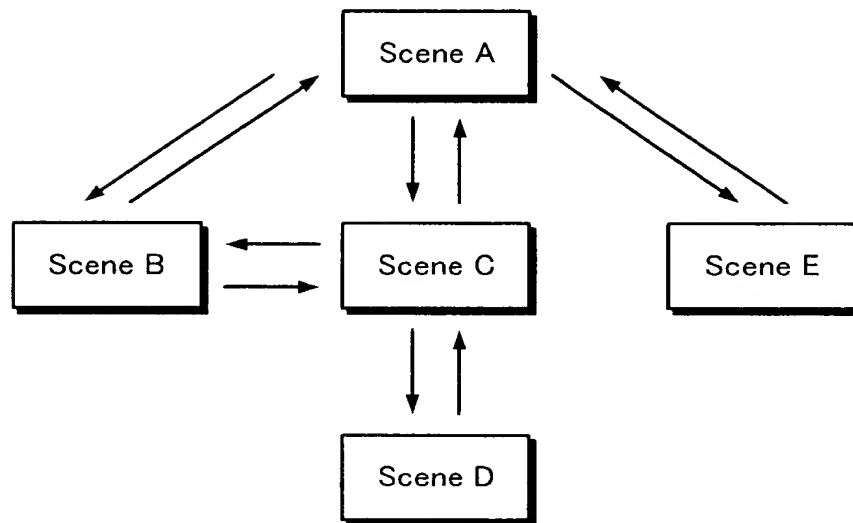


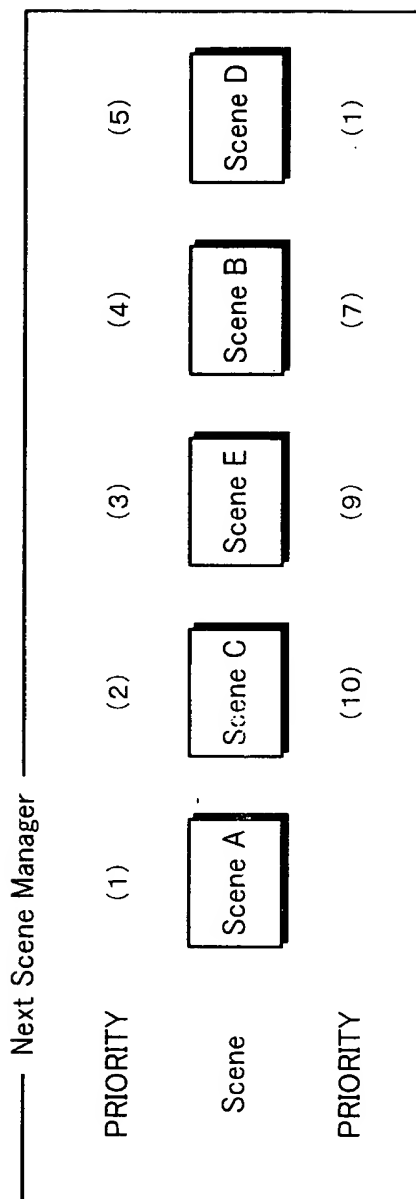
Fig. 24C





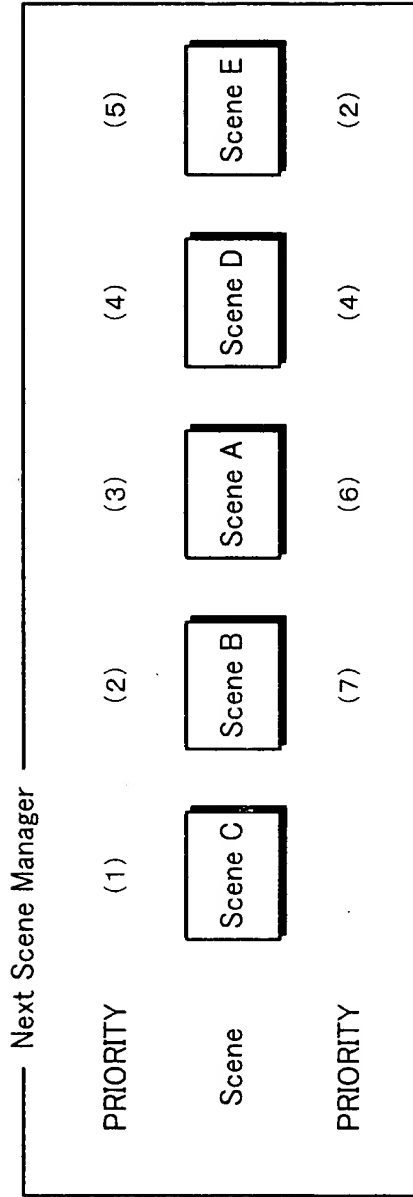
TRANSITION EXAMPLE

Fig. 26



WHEN SCENE A IS OUTPUTTED

Fig. 27



WHEN SCENE C IS OUTPUTTED

Fig. 28A Fig. 28B

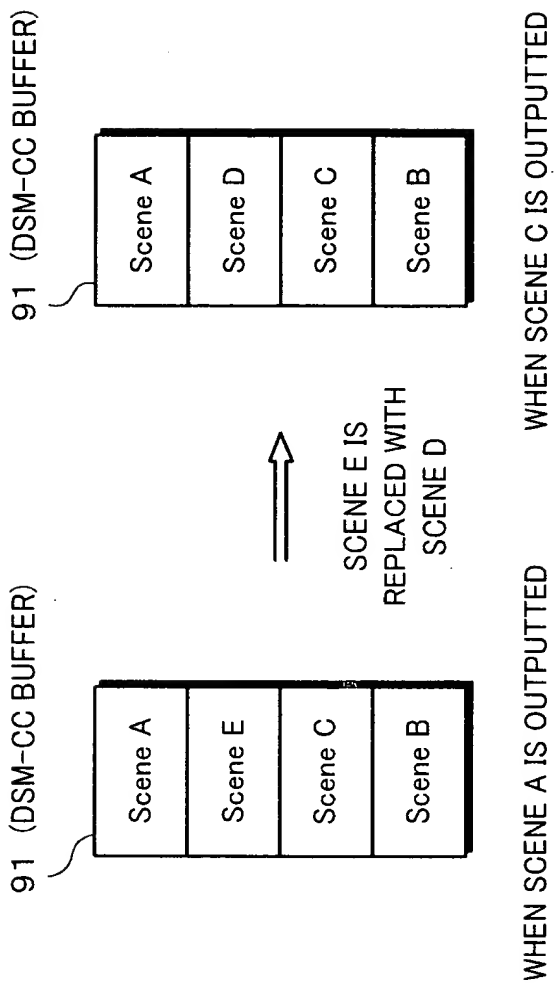
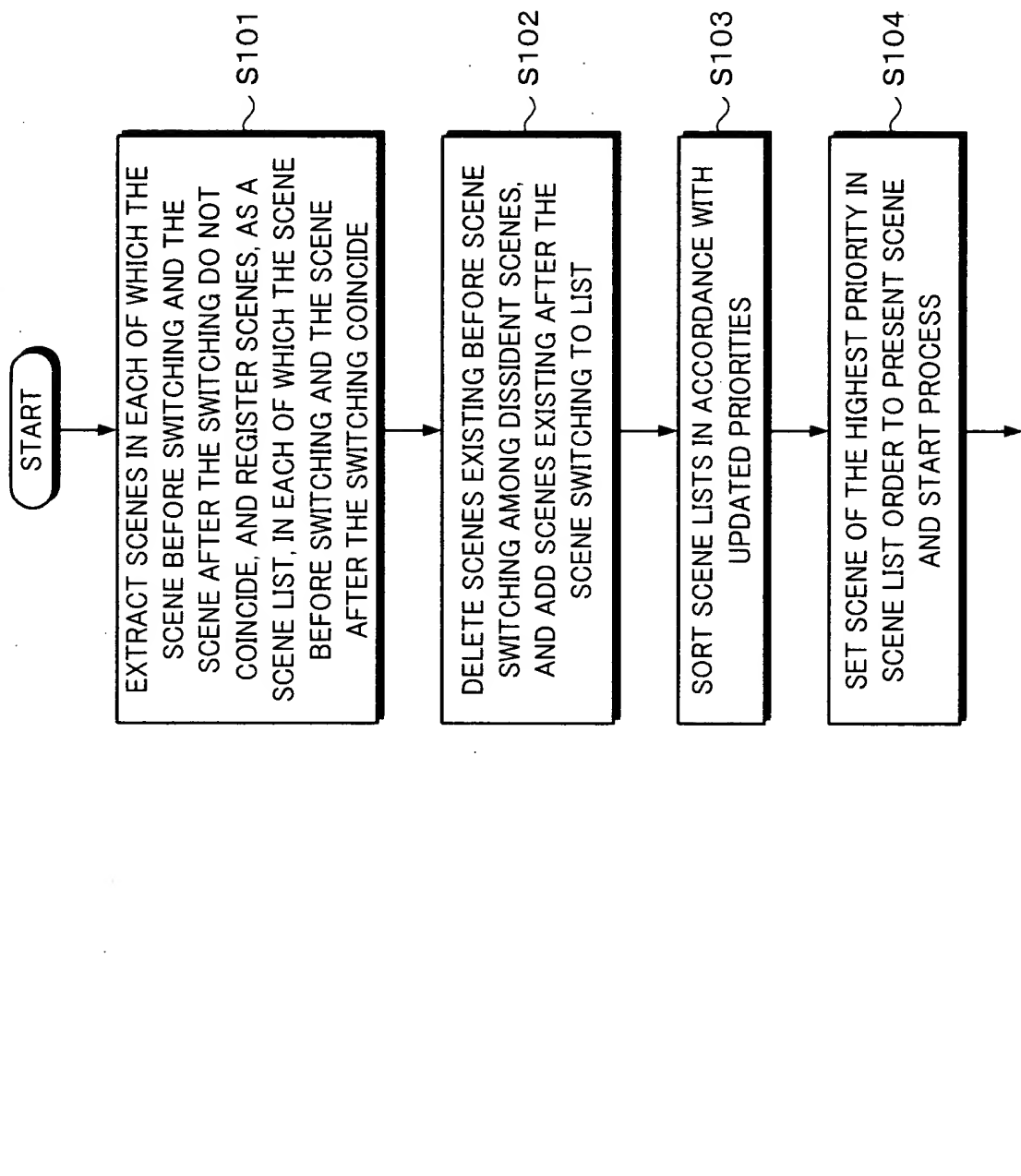


Fig. 29A



```

graph TD
    S105[CHECK SIZE OF PRESENT SCENE MODULE] --> S106{PRESENT MODULE HAS BEEN STORED IN DSM-CC BUFFER?}
    S106 -- Y --> S107{REMAINING CAPACITY OF DSM-CC BUFFER IS LARGER THAN SIZE OF PRESENT SCENE MODULE?}
    S106 -- N --> S107
    S107 -- Y --> S111[FETCH PRESENT SCENE MODULE]
    S107 -- N --> S108[IDENTIFY SCENE MODULE WHOSE PRIORITY IS THE LOWEST AT PRESENT IN DSM-CC BUFFER]
    S111 --> S110[SET SCENE OF NEXT PRIORITY TO PRESENT SCENE AND START PROCESS]
    S110 --> S106
    S108 --> S109{PRIORITY IS LOWER THAN THAT OF PRESENT SCENE?}
    S109 -- Y --> S112[ERASE SCENE MODULE OF LOW PRIORITY FROM DSM-CC BUFFER]
    S112 --> S106
    S109 -- N --> END([END])
  
```

Fig. 30C



Fig. 31

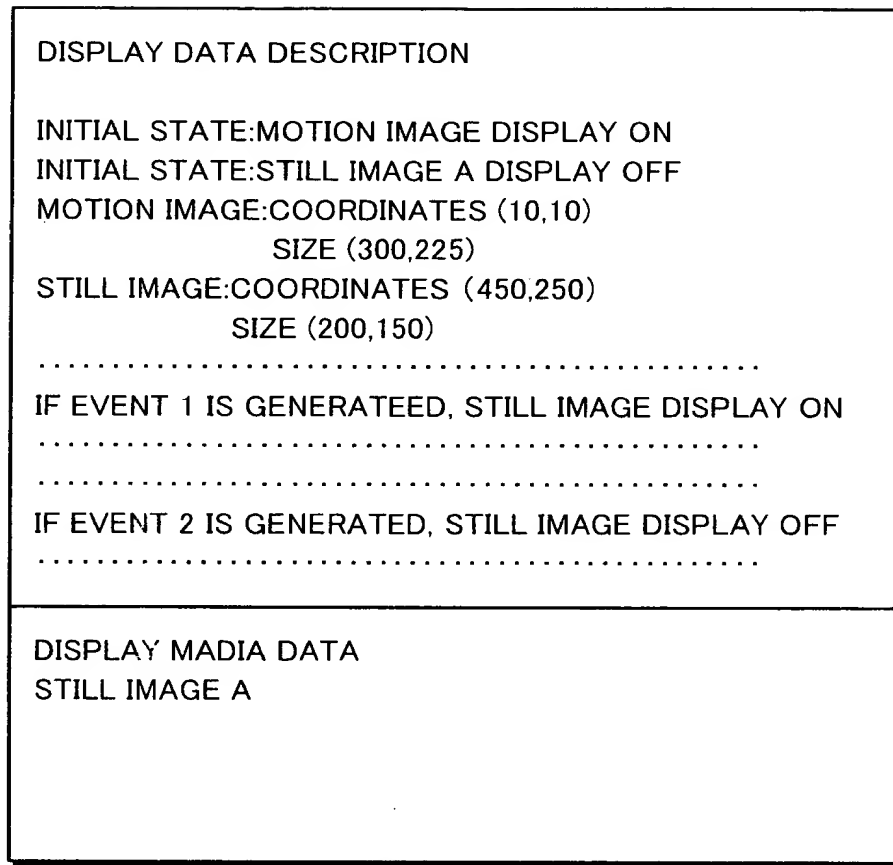
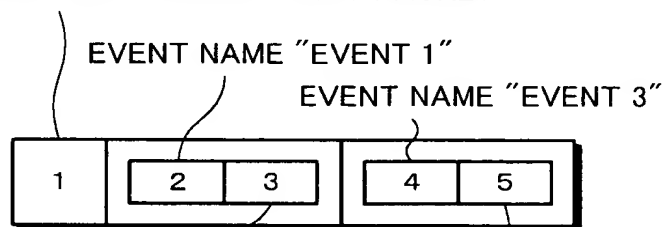


Fig. 32

HEADER INDICATING STREAM EVENT PACKET



GENERATE EVENT IMMEDIATELY
WHEN ALL OF EVENT GENERATING
TIME, HOUR/MINUTE/SECOND, AND
FRAME ARE "1"

EVENT GENERATING TIME

Fig. 33A



Fig. 33B

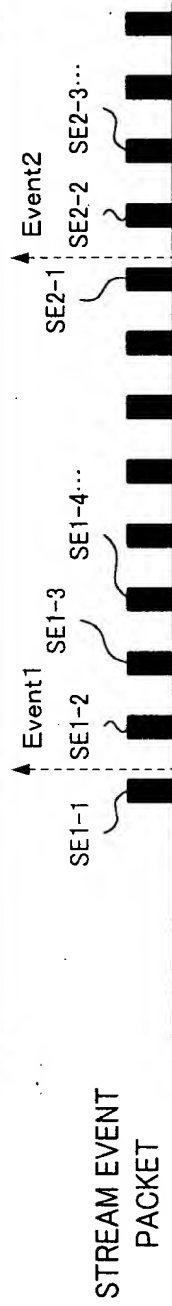


Fig. 33C



Fig. 33D

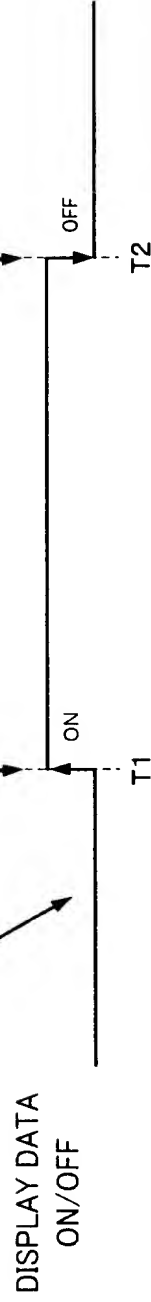


Fig. 34A

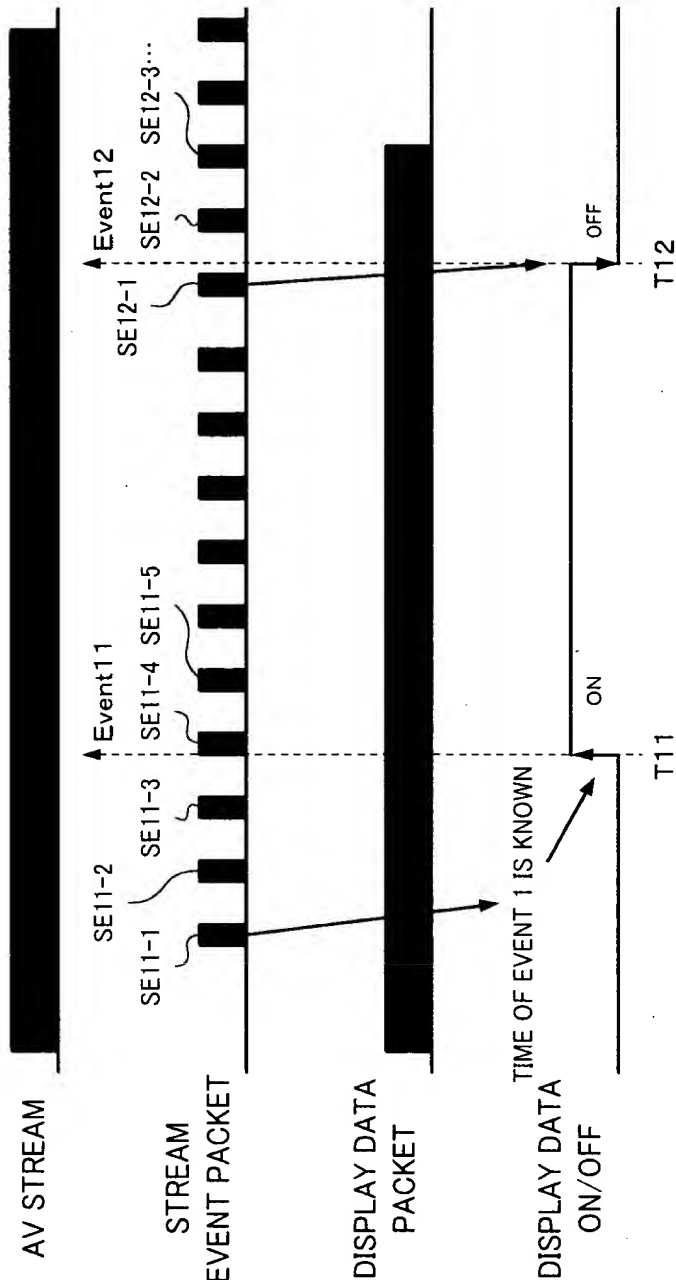


Fig. 34B

Fig. 34C

Fig. 34D

Fig. 35C

Fig. 35E

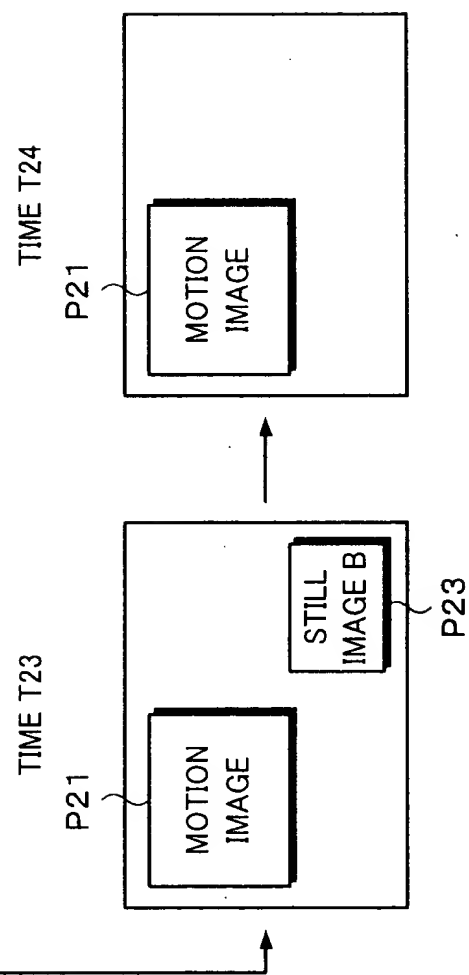


Fig. 36A



Fig. 36B

Fig. 36C

Fig. 36D

Fig. 36E

```

1..  GROUND STATION
2..  SATELLITE
3..  RECEIVING FACILITIES
38.. GUI SOURCE DATABASE
42.. GUI AUTHORIZING SYSTEM
44.. DSM-CC ENCODER
45.. MULTIPLEXER

```